

Appl. No. 10/707,264
Amdt. dated July 11, 2005
Reply to Office action of April 21, 2005

REMARKS/ARGUMENTS

Claims 1-16 are allowed. Claims 17-19 and 21-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Enders et al. (6,319,787) in view of Gambino et al. (6,194,755) further in view of Kenney (5,365,097).

5 1. Rejection of claims 17 under 103(a):

Claim 17 was rejected under 35 U.S.C. 103(a), for reasons of record that can be found on pages 2-3 in the Office action identified above, which is part of paper No.04142005.

10 To overcome this objection, claim 17 has been amended. No new matter is introduced by this amendment. Applicants believe that none of the prior art references teaches or suggests the limitations "a second electrode isolated from said first electrode by at least one dielectric film, said second electrode comprising an upwardly extending hollowed-cylindrical center electrode electrically connected to a buried diffusion plate via a bottom contact surface of a bottle-shaped lower portion of said deep trench" and "said
15 central pillar electrode encompassed by the upwardly extending hollowed-cylindrical center electrode, and said buried diffusion plate encompasses said bottle-shaped lower portion of said deep trench", as required in amended claim 17. Reconsideration of the amended claim 17 is therefore respectfully requested.

20 As Claims 18-19 and 21-23 are dependent upon the independent claim 17, they should be allowable if the amended claim 17 is allowed. Reconsideration of Claims 18-19 and 21-23 is therefore politely requested. Applicants respectfully request that a timely Notice of Allowance be issued in this case.

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Respectfully submitted,



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